

AMENDMENTS TO THE CLAIMS

Listing of Claims:

1. (Currently Amended) A computer comprising:
a central processor;
a memory electrically coupled to the central processor;
a bus interface electrically coupled to the central processor, the bus interface
comprising a slot; and
~~An-an autonomous multi-services card that comprises: at least partially inserted~~
~~into the slot such that the autonomous multi-services card is in electronic~~
~~communication with the bus interface, the autonomous multi-services card~~
~~comprising:~~
a computer interface that is configured for coupling to a host computer connection
~~the bus interface~~ and that is operational to exchange data with the host computer
connection bus interface;
a telephone interface that is configured for coupling to a telephone connection and
that is operational to exchange voice signals with the telephone connection;
a network interface that is configured for coupling to a network connection and that
is operational to exchange the data and the voice signals with the network connection;
a communications processing system that is operational to control the exchange of
the voice signals with the telephone connection and with the network connection without
any control input from the host computer connection central processor, and to control
the exchange of the data with the host computer connection bus interface and with the
network connection;

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communication paths that connect the communications processing system with the computer interface, the telephone interface, and the network interface; and

a substrate that is configured for physical attachment to ~~a computer-compatible~~ ~~the~~ slot and that is connected to the computer interface, the telephone interface, the network interface, the communications processing system, and the communication paths.

2. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the network interface is further operational to exchange asynchronous transfer mode communications with the network connection and wherein the communications processing system is further operational to control the exchange of the asynchronous transfer mode communications with the network connection.

3. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the network interface is further operational to exchange Ethernet communications with the network connection and wherein the communications processing system is further operational to control the exchange of the Ethernet communications with the network connection.

4. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the network interface is further operational to exchange digital subscriber line communications with the network connection and wherein the communications processing system is further operational to control the exchange of the digital subscriber line communications with the network connection.

5. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the network interface is further operational to exchange internet communications with the

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network connection and wherein the communications processing system is further operational to control the exchange of the internet communications with the network connection.

6. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the computer interface is further operational to exchange internet communications with the ~~host computer connection bus interface~~ and wherein the communications processing system is further operational to control the exchange internet communications with the ~~host computer connection bus interface~~.

7. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the telephone interface is further operational to exchange analog telephone signals with the telephone connection and wherein the communications processing system is further operational to control the exchange of the analog telephone signals with the telephone connection.

8. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the network interface is further operational to exchange modem communications with the network connection and wherein the communications processing system is further operational to control the exchange of the modem communications with the network connection.

9. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the modem communications are cable modem communications.

10. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 9 wherein the modem communications are wireless modem communications.

11. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 9 wherein the modem communications are telephone modem communications.

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12. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the network interface is further operational to automatically sense the protocol used over the network connection.
13. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the computer interface is further operational to receive power from the ~~host computer connection bus interface~~.
14. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 further comprising a battery ~~terminal~~.
15. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 further comprising a voice coder/decoder.
16. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein the telephone interface is operational to detect off-hook conditions, to detect on-hook conditions, to detect tones, to provide dial tone, to provide ring current, to provide ringback tones, and to provide busy tones.
17. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 16 wherein the communications processing system is operational to control the telephone interface to generate and receive telephone calls.
18. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 further comprising an enclosure ~~that includes the slot, wherein the central processor, the memory, and the autonomous multi-services card are located within the enclosure~~.
19. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 18 ~~wherein the enclosure includes further comprising~~ a battery ~~terminal~~.

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20. (Currently Amended) The ~~autonomous multi-services card computer~~ of claim 1 wherein:

the network interface is operational to exchange asynchronous transfer mode communications and internet communications with the network connection and wherein the communications processing system is further operational to control the exchange of the asynchronous transfer mode communications and internet communications with the network connection;

the telephone interface is further operational to exchange analog telephone signals with the telephone connection and wherein the communications processing system is further operational to control the exchange of the analog telephone signals with the telephone connection; and

the computer interface is further operational to exchange the internet communications with the ~~host computer connection bus interface~~ and wherein the communications processing system is further operational to control the exchange of the internet communications with the ~~host computer connection bus interface~~.

21. – 33. (Canceled)

34. (New) The computer of claim 1 wherein the bus interface is a peripheral component interconnect or a small computer system interface.